

X-RAY GENERATOR EQUIPPED WITH COLLIMATOR

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Abstract

PURPOSE:To emit X-rays of high intensity from a collimator which is provided in an X-ray generator.
CONSTITUTION:An X-ray incidence end 7a of a total-reflection collimator 7 is disposed inside of the outer peripheral surface of the tube wall of an X-ray tube 1. Since the X-ray incidence end 7a of the total-reflection collimator 7 is located nearer to an X-ray source (a target 2, a filament 3) provided inside the X-ray tube 1, more X-rays can be taken in the collimator 7. Accordingly, X-rays of high intensity can be emitted from an X-ray emission end 7b of the total-reflection collimator 7.

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